

*L-16, b-1*

**Patent Area #6: Configuration of Devices**  
**Inventor: David Famolare**  
**Date: May 2, 2001**

**Patent #2: System and Apparatus for Handheld Network Configuration of Nearby Bluetooth Capable Devices**

Here the idea is the same but this device is used to pass network configuration information to the devices. This would allow a person to setup an IP network using Bluetooth to 1) find the nearby devices 2) determine their capabilities such as persistent storage, number of interfaces, etc. 3) pass along information such as IP addresses, DNS addresses, routing table information to these devices 4) Pass instructions for the device to implement and update its configuration parameters with the newly supplied information and 5) receive a confirmation that this was done.

This parameter information is collected from user input into the handheld device. So the device will have graphical user interface and an entry method.

**Network Configuration:**

In this case the handheld device can be used to provide local Bluetooth devices with network configurations like IP address, DNS servers, default gateways, etc. This may be valuable for doing automated network establishment for proximity networks. This is a technique that can be used to make device that are nearby form IP capable networks. For instance this handheld device could assign routing functionality to particular devices and populated routing tables. This would also allow a user to enter configuration information and thereby have explicit control of the environment.



David Famolari  
<fam@research.telcordia.com>  
10/31/2001 04:02 PM

To: Burton Levine <BLEvine@darbylaw.com>, Orville Cockings  
<ococking@telcordia.com>  
cc: (bcc: Orville Cockings/Telcordia)  
Subject: APP 1426

---

Hi,

APP 1426 is also in very good shape. I would suggest adding a bit about the novelty of updating machines that are proximal or nearby to the handheld device. For instance maybe in the Summary and the Abstract added to the first sentence so it will read "...in each of a plurality of networked computing devices 'within a local proximity' to support...."

Also I noticed the inclusion of a GUI in APP 1426 which was not included in APP 1425. Would it make sense to also include the GUI in APP 1425 as well?

Thanks again  
dave